



14

Substitute for form 1449A/PTO U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				ATTY. DOCKET NO.:	APPLICATION NO.:
				4247.43	09/998,587
				FIRST NAMED INVENTOR:	
				ULLMAN et al.	
				FILING DATE:	ART UNIT:
				November 16, 2001	2154
Sheet	1	of	1	EXAMINER NAME:	
				VU, Viet Duy	

U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code ² (If known)	MM-DD-YYYY		
VU	A	US- 5,801,750	09/01/1998	KURIHARA	RECEIVED
		US-			
		US-			APR 10 2003
		US-			
		US-			Technology Center 2100

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ – Number ⁴ – Kind Code ⁵ (If known)	MM-DD-YYYY			
VU	B	JP 4-127688 A	04/28/1992	FIJITSU GENERAL LIMITED		
VU	C	JP 7-307813 A	11/21/1995	NIPPON TELEGRAPH & TELEPHONE CORPORATION		
VU	D	JP 8-8860 A	01/12/1996	SONY CORP.		
VU	E	JP 7-288606 A	10/31/1995	AT&T CORP.		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ²	(Include name of Author) in CAPITAL LETTERS, Title of article (when appropriate, title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published)			T ³
VU	F	NIKKEI BP CORP., <i>Intercast Using Gap Television Signal</i> , Nikkei Electronics, Japan, 18 December 1995, No. 651, p. 106.			
VU	G	TELEVISION SOCIETY, <i>Interactive Television Broadcast Using Character Broadcast System</i> , Video Information and Broadcast Technology, 20 November 1995, Vol. 49, No. 11, p. 1482-1487.			
EXAMINER SIGNATURE	VU				DATE CONSIDERED 12-1-03

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Applicant's unique citation number (optional).

² Applicant is to place a check mark here if English language Translation is attached.